

# Converting Colors

Hex(140935)

Have a look what the booklet for  
Hex(140935) contains.

<b>Hex(140935)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(140935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	140935
RGB	20, 9, 53
RGB Percent	8%, 4%, 21%
CMY	0.9216, 0.9647, 0.7922
CMYK	0.62, 0.83, 0.00, 0.79
HSL	255°, 71%, 12%
HSV	255°, 83%, 21%
XYZ	1.0288, 0.6011, 3.4300
YIQ	17.3050, -7.5680, 16.0160

# Conversions

## Conversions Part 2

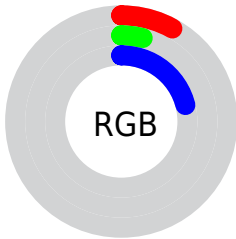
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 9, 53
Decimal	1313077
CIE <sub>Lab</sub>	5.43, 18.23, -26.22
CIE <sub>LCh</sub>	5, 31.932, 304.816
Yxy	0.6011, 0.2033, 0.1188
Android (android.graphics.Color)	4279503157 (0xFF140935)
YUV	17.3050, 17.5976, 2.3635
Hunter-Lab	7.7533, 10.1168, -20.8018

# Details

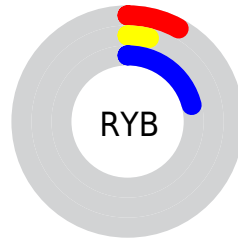
The Hex color **140935** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A3509**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **423464**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **100435**, and if you desaturate by 10%, it is **180E35**.

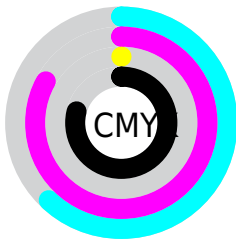
# Distribution



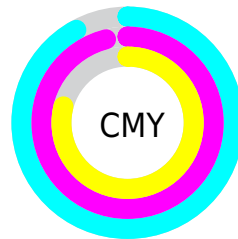
- Red (8%)
- Green (4%)
- Blue (21%)



- Red (8%)
- Yellow (4%)
- Blue (21%)



- Cyan (62%)
- Magenta (83%)
- Yellow (0%)
- Black (79%)



- Cyan (92%)
- Magenta (96%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 140935 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 140935 by changing the saturation by 10% instead.



■ 140935

■ 140935

■ FDE8FF

■ 00021F

■ 423464

■ 000003

■ 5A4B7D

■ 000000

■ 746397

■ 8E7CB2

■ A996CE

■ C4B1EA

■ E0CCFF

■ 140935

■ 140935

■ 100435

■ 180E35

■ 0D0035

■ 1C1435

■ 201935

■ 241E35

■ 282435

■ 2C2935

■ 302E35

■ 343335

■ 383935

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00143C



140935



2D0025

# Triad

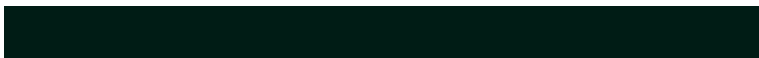
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



140935



270800



001C15

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



140935



2A3509

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



001B00



140935



141300

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



140935



320000



001A00



001D2A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



140935



330017



001A00



001C0C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



140935



383445



092A35



1C1924



A3A3A3



242424



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



140935



110045



2A0935



18171A



160059



3600D9



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35092A



450034



143509



1A1719



590043



D900A3



# Previews

## White Background



This preview shows how the Hex color 140935 looks on a white background.

## Color Contrast Check

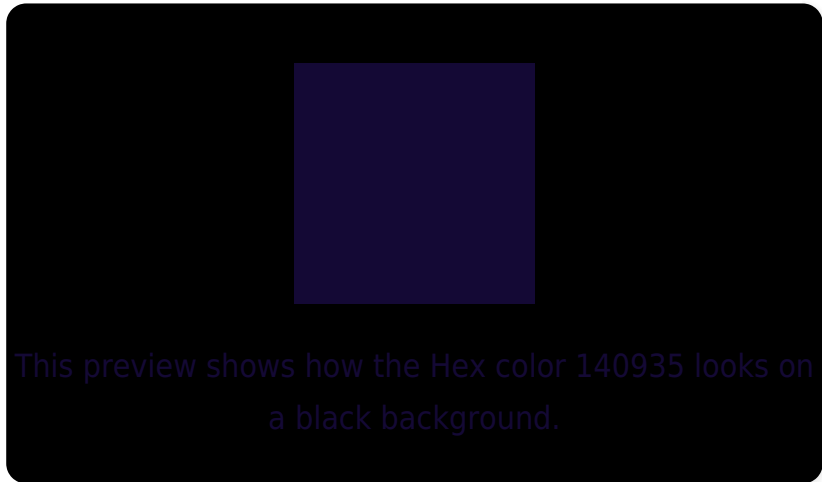
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

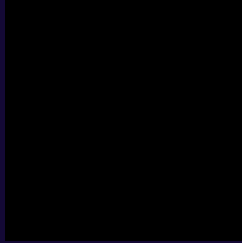
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 140935 Background



This preview shows how black text looks on a background with the Hex color 140935.



This preview shows how white text looks on a background with the Hex color 140935.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
140935

**Protanopia**  
001328

**Deuteranopia**  
001422



**Tritanopia**  
001617

# Trichromacy



**Original Color**  
140935

**Protanomaly**  
070F2D

**Deuteranomaly**  
071029

**Tritanomaly**  
071122

# Monochromacy



**Original Color**  
140935

**Achromatopsia**  
111111

**Achromatomaly**  
120E1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 140935 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #140935 looks like.

```
.text, #text, p{  
    color:#140935  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #140935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #140935
}
```

## Border

The CSS property to change the border of an element to Hex 140935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

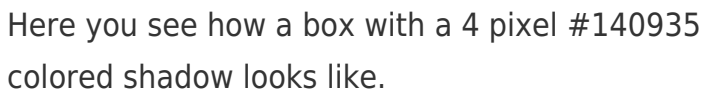
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#140935 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#140935 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #140935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #140935; -webkit-box-shadow:4px 4px  
4px 4px #140935; box-shadow:4px 4px 4px  
4px #140935 }
```

# Background

The CSS property to change the background color of an element to Hex 140935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#140935 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#140935 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor